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**1 Virtual factory - highly interactive visualisation for manufacturing**

*Mueller-Wittig, W.; Jegathese, R.; Meehae Song; Quick, J.; Haibin Wang; Yon Zhong;*

Simulation Conference, 2002. Proceedings of the Winter , Volume: 2 , 8-11 Dec. 2002

Pages:1061 - 1064 vol.2

[Abstract] [PDF Full-Text (546 KB)] IEEE CNF

**2 Analysis of electronics assembly operations: Longbow Hellfire missile power supply**

*Springfield, K.G.; Hall, J.D.; Bell, G.W.;*

Simulation Conference Proceedings, 1999. Winter , Volume: 1 , 5-8 Dec. 1999

Pages:689 - 693 vol.1

[Abstract] [PDF Full-Text (396 KB)] IEEE CNF

**3 A simulation based decision support approach for operational capacity planning in a customer order driven assembly line**

*Andersson, M.; Olsson, G.;*

Simulation Conference Proceedings, 1998. Winter , Volume: 2 , 13-16 Dec. 1998

Pages:935 - 941 vol.2

[Abstract] [PDF Full-Text (752 KB)] IEEE CNF

**4 Stochastic optimization applied to a manufacturing system operational problem**

*Brennan, R.W.; Rogers, P.;*

Simulation Conference Proceedings, 1995. Winter , 3-6 Dec. 1995

Pages:857 - 864

[Abstract] [PDF Full-Text (600 KB)] IEEE CNF



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**1 Transient sensitivity computation in controlled explicit piecewise linear simulation**

*Nguyen, T.V.; Devgan, A.; Nastov, O.J.; Winston, D.W.;*  
Computer-Aided Design of Integrated Circuits and Systems, IEEE Transaction on , Volume: 19 , Issue: 1 , Jan. 2000  
Pages:98 - 110

[Abstract] [PDF Full-Text (248 KB)] IEEE JNL

**2 Evaluating the impact of process changes on cluster tool performance**

*Herrmann, J.W.; Chandrasekaran, N.; Conaghan, B.F.; Nguyen, M.-Q.; Rubloff, G.W.; Shi, R.Z.;*  
Semiconductor Manufacturing, IEEE Transactions on , Volume: 13 , Issue: 2 , 2000  
Pages:181 - 192

[Abstract] [PDF Full-Text (224 KB)] IEEE JNL

**3 Understanding the impact of equipment and process changes with a heterogeneous semiconductor manufacturing simulation environment**

*Herrmann, J.W.; Conaghan, B.F.; Henn-Lecordier, L.; Mellacheruvu, P.; Manh Quan Nguyen; Rubloff, G.W.; Shi, R.Z.;*  
Simulation Conference Proceedings, 2000. Winter , Volume: 2 , 10-13 Dec. 2000  
Pages:1491 - 1498 vol.2

[Abstract] [PDF Full-Text (844 KB)] IEEE CNF

**4 Parsim: a parallel trace-driven simulation facility for fast and accurate performance analysis studies**

*Nguyen, A.-T.; Wellman, J.D.; Bose, P.;*  
Performance, Computing, and Communications Conference, 1997. IPCCC 1997 IEEE International , 5-7 Feb. 1997  
Pages:291 - 297

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[Abstract] [PDF Full-Text (560 KB)] IEEE CNF

**5 State transformation in event driven explicit simulation**

*Nguyen, T.V.; Devgan, A.;*

Computer-Aided Design, 1997. Digest of Technical Papers., 1997 IEEE/ACM International Conference on , 9-13 Nov. 1997

Pages:289 - 294

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[Abstract] [PDF Full-Text (488 KB)] IEEE CNF

**6 Ethersim: a simulator for wireless and mobile networks**

*Mishra, P.; Srivastava, M.; Agrawal, P.; Nguyen, G.;*

Global Telecommunications Conference, 1996. GLOBECOM '96. 'Communicatio The Key to Global Prosperity , Volume: 3 , 18-22 Nov. 1996

Pages:2018 - 2027 vol.3

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[Abstract] [PDF Full-Text (1156 KB)] IEEE CNF

**7 Fuzzy discrete-event simulation with FTIPLog**

*Quan Nguyen; Tu Van Le;*

Intelligent Information Systems, 1996., Australian and New Zealand Conferen on , 18-20 Nov. 1996

Pages:195 - 198

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[Abstract] [PDF Full-Text (408 KB)] IEEE CNF

**8 Scalability of dynamic wireless tactical networks**

*Milner, S.D.; Wieselthier, J.E.; Iyer, R.R.; Chandrashekhar, K.; Thakkar, S.; Ng G.D.;*

Military Communications Conference, 2001. MILCOM 2001. Communications f Network-Centric Operations: Creating the Information Force. IEEE , Volume: 31 Oct. 2001

Pages:865 - 872 vol.2

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[Abstract] [PDF Full-Text (301 KB)] IEEE CNF

**9 Transient sensitivity computation for transistor level analysis and tu**

*Nguyen, T.V.; O'Brien, P.; Winston, D.;*

Computer-Aided Design, 1999. Digest of Technical Papers. 1999 IEEE/ACM International Conference on , 7-11 Nov. 1999

Pages:120 - 123

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[Abstract] [PDF Full-Text (380 KB)] IEEE CNF

**10 Adjoint transient sensitivity computation in piecewise linear simula**

*Nguyen, T.V.; Devgan, A.; Nastov, O.J.;*

Design Automation Conference, 1998. Proceedings , 15-19 June 1998

Pages:477 - 482

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[Abstract] [PDF Full-Text (516 KB)] IEEE CNF

**11 Activity measures for fast relative power estimation directed nume transformation for low power DSP synthesis**

*Nguyen, H.; Chatterjee, A.;*

Circuits and Systems, 1996. ISCAS '96., 'Connecting the World'., 1996 IEEE

International Symposium on , Volume: 4 , 12-15 May 1996  
Pages:17 - 20 vol.4

[\[Abstract\]](#)   [\[PDF Full-Text \(348 KB\)\]](#)   [IEEE CNF](#)

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File: PGPB

Jul 29, 2004

PGPUB-DOCUMENT-NUMBER: 20040148047

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040148047 A1

TITLE: Hierarchical methodology for productivity measurement and improvement of production systems

PUBLICATION-DATE: July 29, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Dismukes, John P	Toledo	OH	US	
Su, Qi	Toledo	OH	US	
Huang, Samuel H	Loveland	OH	US	
Razzak, Mousalam A	Dubai	MI	AE	
wang, Ge	Holland	OH	US	
Kothamasu, Ranganath	Cincinnati		US	

US-CL-CURRENT: 700/100

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2. Document ID: US 20040128120 A1

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File: PGPB

Jul 1, 2004

PGPUB-DOCUMENT-NUMBER: 20040128120

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040128120 A1

TITLE: Simulation method and apparatus for use in enterprise controls

PUBLICATION-DATE: July 1, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Coburn, James D.	Cleveland Heights	OH	US	
Hoskins, Josiah C.	Austin	TX	US	
Brooks, Ruven E.	Shorewood	WI	US	

US-CL-CURRENT: 703/26

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawn D
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 3. Document ID: US 20040073404 A1

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File: PGPB

Apr 15, 2004

PGPUB-DOCUMENT-NUMBER: 20040073404

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040073404 A1

TITLE: Mechanical-electrical template based method and apparatus

PUBLICATION-DATE: April 15, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Brooks, Ruven E.	Shorewood	WI	US	
Grooms, David W.	Delafield	WI	US	

US-CL-CURRENT: 702/183

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawn D
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 4. Document ID: US 20040034555 A1

L2: Entry 4 of 23

File: PGPB

Feb 19, 2004

PGPUB-DOCUMENT-NUMBER: 20040034555

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040034555 A1

TITLE: Hierarchical methodology for productivity measurement and improvement of complex production systems

PUBLICATION-DATE: February 19, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Dismukes, John P.	Toledo	OH	US	
Su, Qi	Toledo	OH	US	
Huang, Samuel H.	Loveland	OH	US	
Miller, Lawrence K.	Toledo	OH	US	
Mittal, Rahul	Toledo	OH	US	
Razzak, Mousalam A.	Dubai	OH	AE	
Kothamasu, Ranganath	Cincinnati	OH	US	
Doshi, Milan H.	Toledo		US	

US-CL-CURRENT: 705/7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawn D
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5. Document ID: US 20030182083 A1

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File: PGPB

Sep 25, 2003

PGPUB-DOCUMENT-NUMBER: 20030182083  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030182083 A1

TITLE: Diagnostics method and apparatus for use with enterprise controls

PUBLICATION-DATE: September 25, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Schwenke, Marvin J.	Clinton Township	MI	US	
Sinclair, J. Andrew	Cleveland Heights	OH	US	
Hoskins, Josiah C.	Austin	TX	US	
Brooks, Ruven E.	Shorewood	WI	US	

US-CL-CURRENT: 702/183

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 6. Document ID: US 20030050870 A1

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File: PGPB

Mar 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030050870  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030050870 A1

TITLE: Capacity-driven production planning tools

PUBLICATION-DATE: March 13, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Cargille, Brian D.	Palo Alto	CA	US	
Callioni, Gianpaolo	Palo Alto	CA	US	
Johnson, M. Eric	Hanover	NH	US	

US-CL-CURRENT: 705/28

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 7. Document ID: US 20030050826 A1

L2: Entry 7 of 23

File: PGPB

Mar 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030050826  
PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030050826 A1

TITLE: Graphical user interface for capacity-driven production planning tool

PUBLICATION-DATE: March 13, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Cargille, Brian D.	Palo Alto	CA	US	
Callioni, Gianpaolo	Palo Alto	CA	US	
Johnson, M. Eric	Hanover	NH	US	

US-CL-CURRENT: 705/10

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8. Document ID: US 20030050817 A1

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File: PGPB

Mar 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030050817

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030050817 A1

TITLE: Capacity- driven production planning

PUBLICATION-DATE: March 13, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Cargille, Brian D.	Palo Alto	CA	US	
Callioni, Gianpaolo	Palo Alto	CA	US	
Johnson, M. Eric	Hanover	NH	US	

US-CL-CURRENT: 705/8

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9. Document ID: US 20020161727 A1

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File: PGPB

Oct 31, 2002

PGPUB-DOCUMENT-NUMBER: 20020161727

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020161727 A1

TITLE: Methods and systems for electronics assembly systems pricing and customer benefit sharing

PUBLICATION-DATE: October 31, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
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Nguyen, Tuan	Duluth	GA	US
Duck, Anthony Peter	Austin	TX	US
Rawles, Ian	Roswell	GA	US
Mair, Thomas	Neuried	GA	DE
Gray, Robert	Buford		US

US-CL-CURRENT: 705/400

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10. Document ID: US 20020120921 A1

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File: PGPB

Aug 29, 2002

PGPUB-DOCUMENT-NUMBER: 20020120921

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020120921 A1

TITLE: SIMULATION METHOD AND APPARATUS FOR USE IN ENTERPRISE CONTROLS

PUBLICATION-DATE: August 29, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
COBURN, JAMES D.	CLEVELAND HEIGHTS	OH	US	
HOSKINS, JOSIAH	AUSTIN	TX	US	
BROOKS, RUVEN E.	SHOREWOOD	WI	US	

US-CL-CURRENT: 717/140; 703/21, 717/106

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11. Document ID: US 20020107677 A1

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File: PGPB

Aug 8, 2002

PGPUB-DOCUMENT-NUMBER: 20020107677

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020107677 A1

TITLE: Electronics assembly systems customer benefit modeling tools and methods

PUBLICATION-DATE: August 8, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Nguyen, Tuan	Duluth	GA	US	
Duck, Anthont Peter	Austin	TX	US	
Rawles, Ian	Roswell	GA	US	
Mair, Thomas	Neuried	GA	DE	
Gray, Robert	Buford		US	

US-CL-CURRENT: 703/13

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12. Document ID: US 20020082816 A1

L2: Entry 12 of 23

File: PGPB

Jun 27, 2002

PGPUB-DOCUMENT-NUMBER: 20020082816

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020082816 A1

TITLE: Methods and systems for electronics assembly system consultation and sales

PUBLICATION-DATE: June 27, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Nguyen, Tuan	Duluth	GA	US	
Duck, Anthony Peter	Austin	TX	US	
Rawles, Ian	Roswell	GA	US	
Mair, Thomas	Neuried	GA	DE	
Gray, Robert	Buford		US	

US-CL-CURRENT: 703/13

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawn D
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13. Document ID: US 6799190 B1

L2: Entry 13 of 23

File: USPT

Sep 28, 2004

US-PAT-NO: 6799190

DOCUMENT-IDENTIFIER: US 6799190 B1

TITLE: Synchronizing databases

DATE-ISSUED: September 28, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Boothby; David J.	Nashua	NH		

US-CL-CURRENT: 707/204; 707/10, 707/8

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawn D
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14. Document ID: US 6718535 B1

L2: Entry 14 of 23

File: USPT

Apr 6, 2004

US-PAT-NO: 6718535

DOCUMENT-IDENTIFIER: US 6718535 B1

TITLE: System, method and article of manufacture for an activity framework design in an e-commerce based environment

DATE-ISSUED: April 6, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Underwood; Roy Aaron	Long Grove	IL		

US-CL-CURRENT: 717/101; 717/120

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15. Document ID: US 6704873 B1

L2: Entry 15 of 23

File: USPT

Mar 9, 2004

US-PAT-NO: 6704873

DOCUMENT-IDENTIFIER: US 6704873 B1

TITLE: Secure gateway interconnection in an e-commerce based environment

DATE-ISSUED: March 9, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Underwood; Roy Aaron	Long Grove	IL		

US-CL-CURRENT: 713/201; 709/223, 709/249

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16. Document ID: US 6633878 B1

L2: Entry 16 of 23

File: USPT

Oct 14, 2003

US-PAT-NO: 6633878

DOCUMENT-IDENTIFIER: US 6633878 B1

TITLE: Initializing an ecommerce database framework

DATE-ISSUED: October 14, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Underwood; Roy Aaron	Long Grove	IL		

US-CL-CURRENT: 707/100; 707/1, 707/102, 707/205

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17. Document ID: US 6618856 B2

L2: Entry 17 of 23

File: USPT

Sep 9, 2003

US-PAT-NO: 6618856

DOCUMENT-IDENTIFIER: US 6618856 B2

TITLE: Simulation method and apparatus for use in enterprise controls

DATE-ISSUED: September 9, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Coburn; James D.	Cleveland Heights	OH		
Hoskins; Josiah C.	Austin	TX		
Brooks; Ruven E.	Shorewood	WI		

US-CL-CURRENT: 717/135; 700/86, 703/15, 703/22[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Drawings](#) [Assignments](#) [Claims](#) [KWMC](#) [Drawn De](#) 18. Document ID: US 6609128 B1

L2: Entry 18 of 23

File: USPT

Aug 19, 2003

US-PAT-NO: 6609128

DOCUMENT-IDENTIFIER: US 6609128 B1

TITLE: Codes table framework design in an E-commerce architecture

DATE-ISSUED: August 19, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Underwood; Roy Aaron	Long Grove	IL		

US-CL-CURRENT: 707/10; 707/200[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Drawings](#) [Assignments](#) [Claims](#) [KWMC](#) [Drawn De](#) 19. Document ID: US 6601233 B1

L2: Entry 19 of 23

File: USPT

Jul 29, 2003

US-PAT-NO: 6601233

DOCUMENT-IDENTIFIER: US 6601233 B1

TITLE: Business components framework

DATE-ISSUED: July 29, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Underwood; Roy Aaron	Long Grove	IL		

US-CL-CURRENT: 717/102; 717/100, 717/101, 717/103, 717/104, 717/106, 717/107

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Search](#) | [Advanced Search](#) | [Claims](#) | [KOMC](#) | [Drawn](#) | [Def.](#)

 20. Document ID: US 6556950 B1

L2: Entry 20 of 23

File: USPT

Apr 29, 2003

US-PAT-NO: 6556950

DOCUMENT-IDENTIFIER: US 6556950 B1

TITLE: Diagnostic method and apparatus for use with enterprise control

DATE-ISSUED: April 29, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schwenke; Marvin J.	Clinton Township	MI		
Sinclair; J. Andrew	Cleveland Heights	OH		
Hoskins; Josiah C.	Austin	TX		
Brooks; Ruven E.	Shorewood	WI		

US-CL-CURRENT: 702/183; 700/83, 700/86, 705/8, 706/52, 707/103R

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ASSEMBLY	1096718
ASSEMBLIES	295443
ASSEMBLYS	185
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ELECTRONICA	238
ELECTRONICC	3
ELECTRONICD	1
ELECTRONICE	20
ELECTRONICI	3
ELECTRONICK	1
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21. Document ID: US 6523027 B1

Using default format because multiple data bases are involved.

L2: Entry 21 of 23

File: USPT

Feb 18, 2003

US-PAT-NO: 6523027

DOCUMENT-IDENTIFIER: US 6523027 B1

\*\* See image for Certificate of Correction \*\*

TITLE: Interfacing servers in a Java based e-commerce architecture

DATE-ISSUED: February 18, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Underwood; Roy Aaron	Long Grove	IL		

US-CL-CURRENT: 707/4; 707/10, 707/100

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequencer	Attachments	Claims	KWIC	Draft	De
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22. Document ID: US 6268853 B1

L2: Entry 22 of 23

File: USPT

Jul 31, 2001

US-PAT-NO: 6268853

DOCUMENT-IDENTIFIER: US 6268853 B1

TITLE: Data structure for use in enterprise controls

DATE-ISSUED: July 31, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hoskins; Josiah C.	Austin	TX		
Brooks; Ruven E.	Shorewood	WI		

US-CL-CURRENT: 700/83; 345/764, 345/965

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequencer	Attachments	Claims	KWIC	Draft	De
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23. Document ID: US 4796194 A

L2: Entry 23 of 23

File: USPT

Jan 3, 1989

US-PAT-NO: 4796194

DOCUMENT-IDENTIFIER: US 4796194 A

TITLE: Real world modeling and control process

DATE-ISSUED: January 3, 1989

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Atherton; Robert W.	Los Altos	CA	94022	

US-CL-CURRENT: 700/103; 257/E21.525, 700/29, 700/36, 703/2[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Search](#) | [Advanced Search](#) | [Claims](#) | [KOMC](#) | [Drawn D.](#)[Clear](#) | [Generate Collection](#) | [Print](#) | [Fwd Refs](#) | [Bkwd Refs](#) | [Generate OACS](#)

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ELECTRONICI	3
ELECTRONICK	1
ELECTRONICL	3
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